KADRACKA, Janina: JACH, Zygmunt

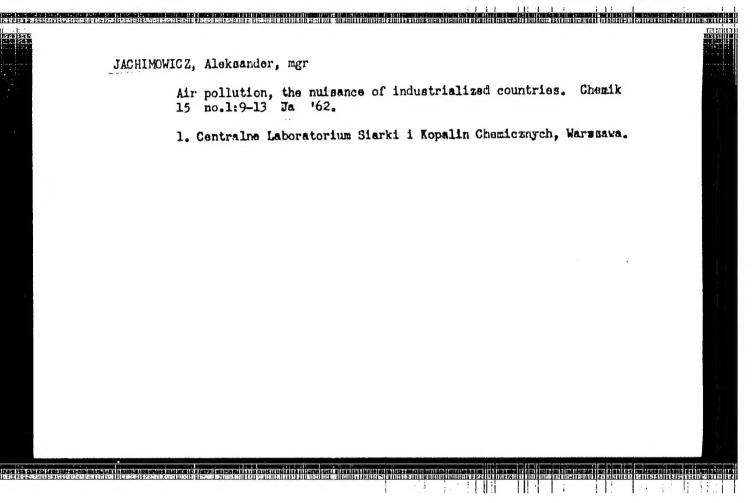
Method of determining the acidity of gastric content with "gastrotest" (cilag) preparation without sounding. Ann.Univ.Lublin; sec. D 14: 207-212 '59.

1. Z Katedry III Kliniki Chorob Wewnetrznych Wydzialu Lekarskiego Akademii Medycznej w Lublinie Kierownik: prof. dr med. Michal Voit. (GASTRIC JUICE)

JACHIMOWICZ, Aleksander, mgr.

The chemical industries of Great Britain. Chemik 14 no.9:344-346 S '61.

1. Centralne Laboratorium Siarki i Kopalin Chemicznych, Warszawa.



JACHIMOWICZ, Aleksander, mgr
Chemical industry of Italy. Chemik 15 no.2:56-59 F '62.

1. Centralne Laboratorium Siarki i Kopalin Chemicznych, Warszawa.

JACHIMOWICZ, Aleksander, mgr inz.

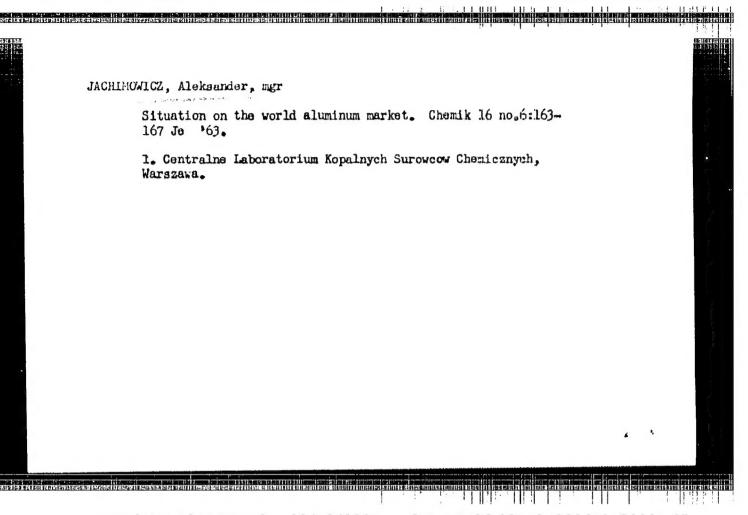
Air pollution, the nuisance of industrialized countries. Chemik
15 no.3196-99 Mr '62.

1. Centralne Laboratorium Siarki i Kopalin Chemicznych, Warszawa.

JACHIMOWICZ, Aleksander, mgr

The Netherland's chemical industry. Chemik 15 no.6:210-213
Je '62.

1. Centralne Laboratorium Siarki i Kopalin Chemicanych, Warszawa.

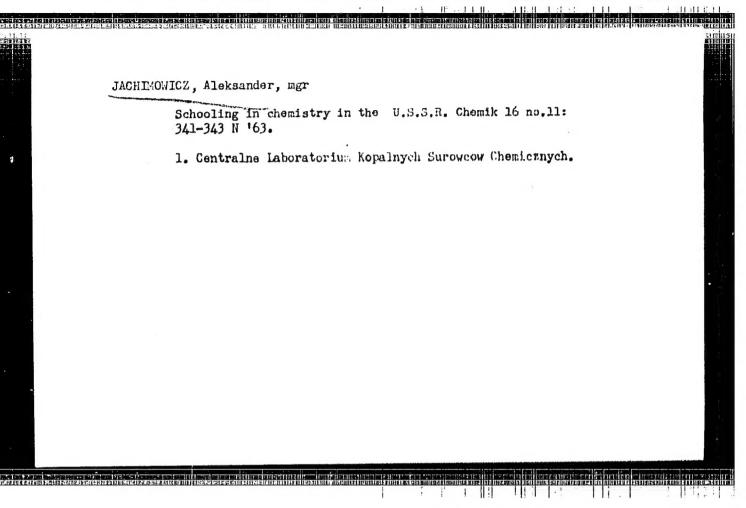


JACHIMOWICZ, Aleksander, mgr

The world potassium market. Chemik 16 no.7/ $\epsilon$ :225-229 Jl-Ag 163.

1. Centralne Laboratorium Kopalnych Surowcow Chemicznych.

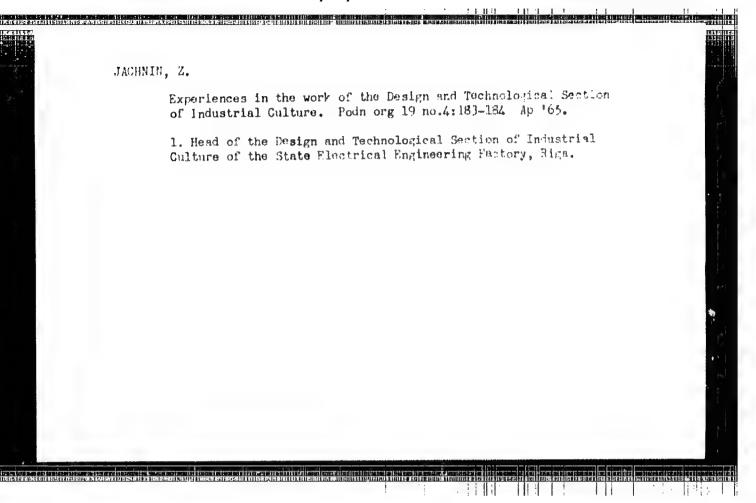
APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619420001-8"

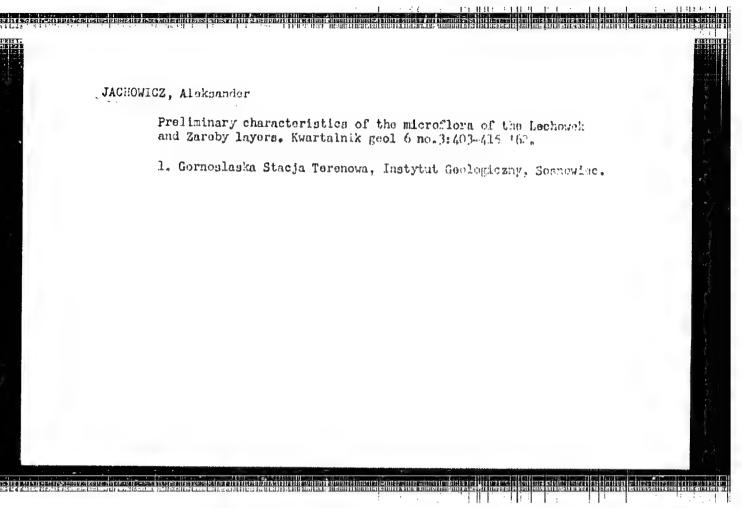


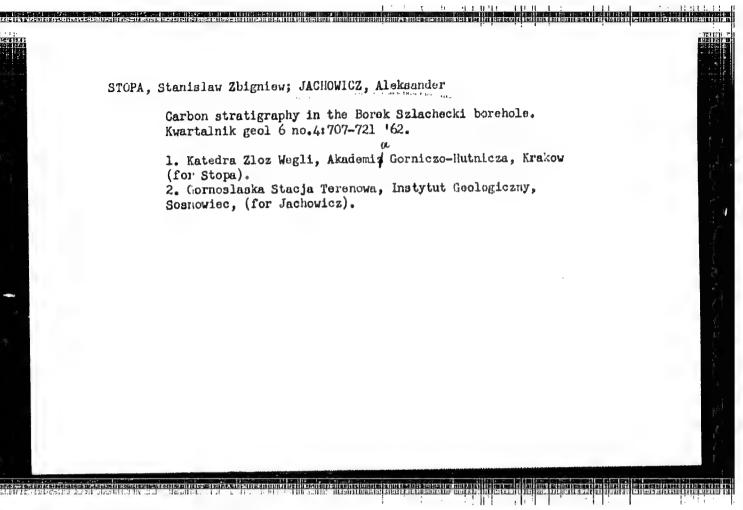
JACHIMOMICZ, Aleksander, mgr

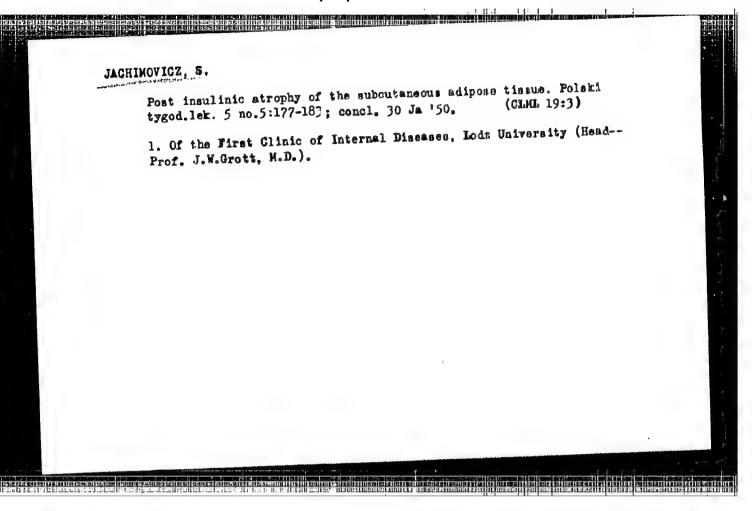
Education of chemists in the German Federal Republic.
Chemik 16 [1. e. 17] no. 4:133-135 Ap '64.

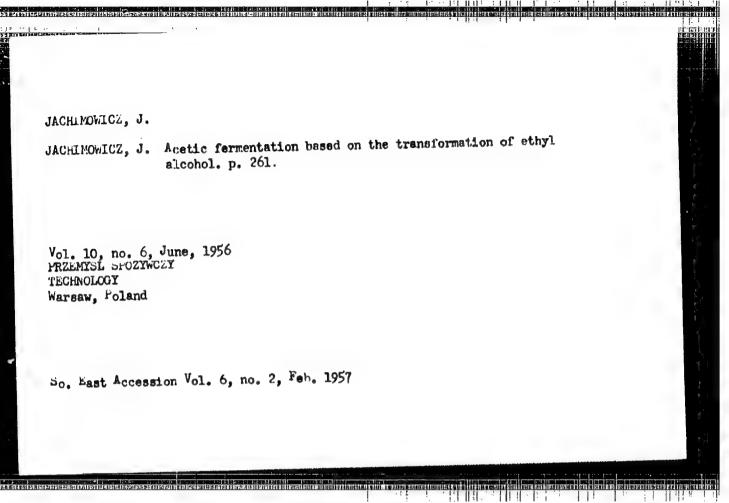
1. Central Laboratory of Fossil Raw Materials for Chemistry,
Wasraw.

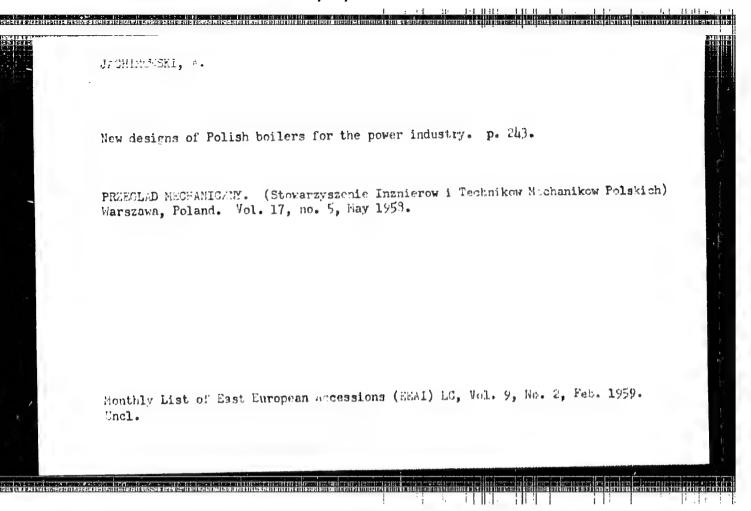












23025 P/045/61/020/004/003/004 B133/B205

94:3500 AUTHORS:

WesoTowski, J., Jachimowski, M., Dragen, R.

TITLE:

Luminescence of "dry" aluminum oxide films in electric

fields

erite terse tegi i italia, eta ele ele el la Collegia di Recellità filla de la caracidat de la collegia de la c Periodologia tegi i pullo responsabilista con la collegia con una la california de la collegia de la collegia d

PERIODICAL: Acta Physica Polonica, v. 20, no. 4, 1961, 303-311

TEXT: The electrical and luminescent properties of electrolytically formed "dry" aluminum oxide films have been studied. The properties of such films were found to resemble strongly those of both electrolytic and typical electroluminescent cells. It is therefore assumed that the luminescence of both electrolytic and "dry" aluminum cells is a process of electroluminescence. The typical properties of electrolytic cells which have received special attention in the last few years (see Ruziewicz, Z., Bull. Acad. Polon. Sci., Cl. III., 4, 537, 543 (1955)), are presented in the introduction. The properties of "dry" cells prepared by the authors are compared herewith. The latter consisted of aluminum plates of about 20 cm<sup>2</sup> area, which were exidized anodically in 1-2% aqueous solutions of exalic acid at constant current or constant voltage. Part of the exidized Card 1/5

23025

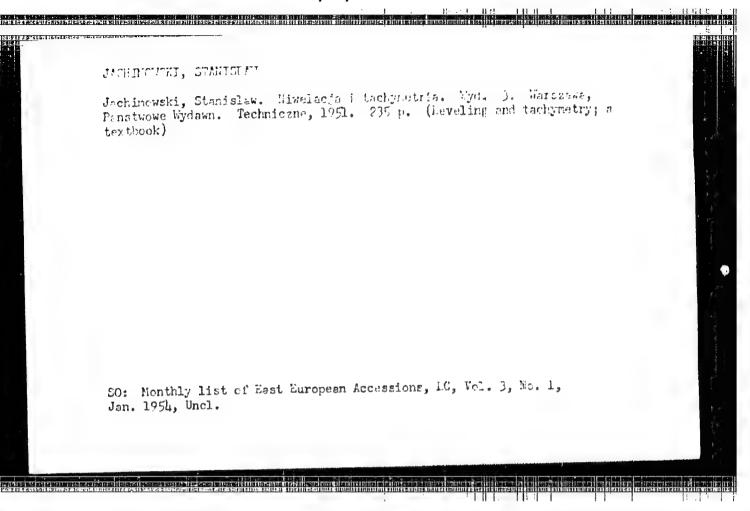
Luminescence of "dry" aluminum ...

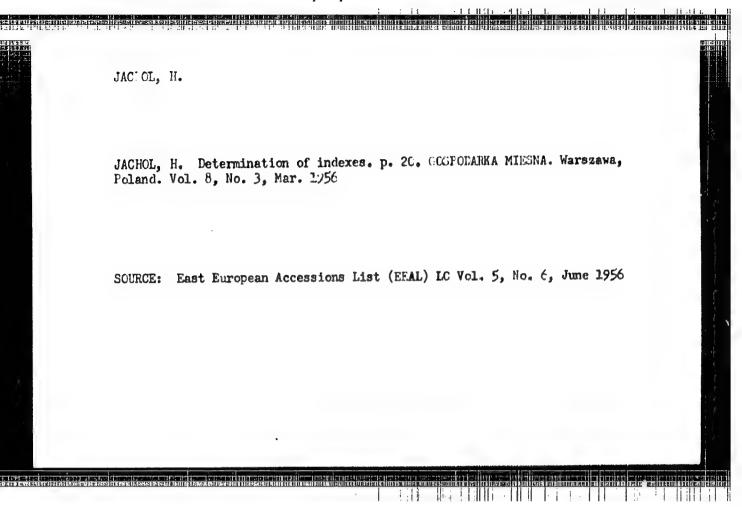
P/045/61/020/004/003/004 B133/B205

area was coated with a transparent and conducting CdO or  $\operatorname{SnO}_2$  film. The cadmium-oxide film was deposited by the cathodic reactive sputtering technique, and the  $\operatorname{SnO}_2$  film was fumed by the procedure of chemical deposition (Fischer, A., Z. Naturforsch. 2a, 508, (1954)). There appeared to be little difference in the behavior of cells prepared by either method. The simple arrangement used for the purpose allowed for simultaneous measurement of both the intensity,  $I_c$ , induced by d-c voltage in the cell, and the intensity,  $I_f$ , of the photocurrent which was produced in an F.E.U. 19-M photomultiplier and was proportional to the brightness of luminescence. The cells emitted light if the voltage applied in the inverse direction was sufficiently high. Sudden transitions between the states (Al+) and (Al-) produced anode and cathode flashes as in the case of electrolytic cells. Measurements of  $I_c$  and  $I_f$  at different d-c voltages (see Figs. 4 and 5) indicated the following: "Dry" luminescent cells ex-

hibit a pronounced property of rectification. As in the case of electrolytic cells with constant oxide thickness, it is found that  $L = c \cdot l_1$ 

Card 2/5





CHECHCSL/MAKET/Organic Chemistry. Organic Syntheses.

đ

The Jour: Ref Zhur-Khim., No 11, 1959, 38650.

Author : Rubcov, M. V. and Jachentev, L. N.

Inst

Title

: Investigation of the Synthesis of a Number of

Quinuclidine Derivatives.

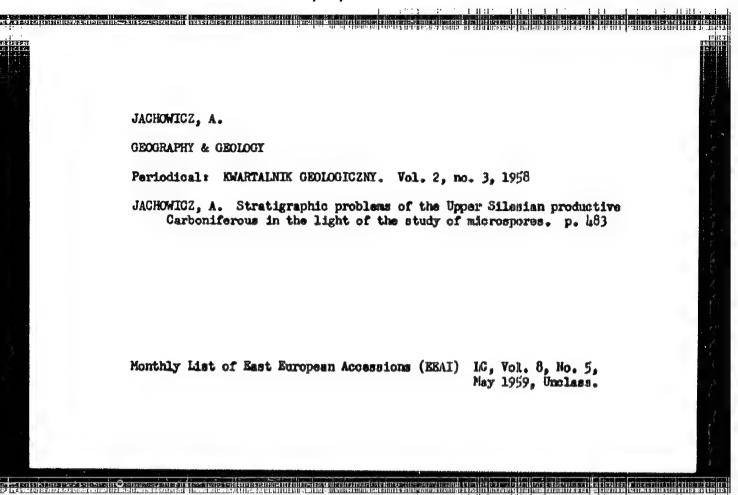
Cric Pub: Ceskoslov Farme, 7, No 9, 520-528 (1958) (in Czech)

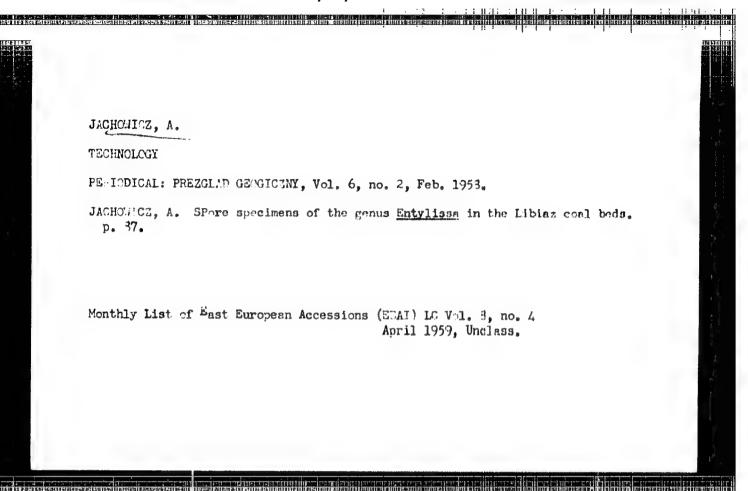
Abstract: A review article with a bibliography listing 75

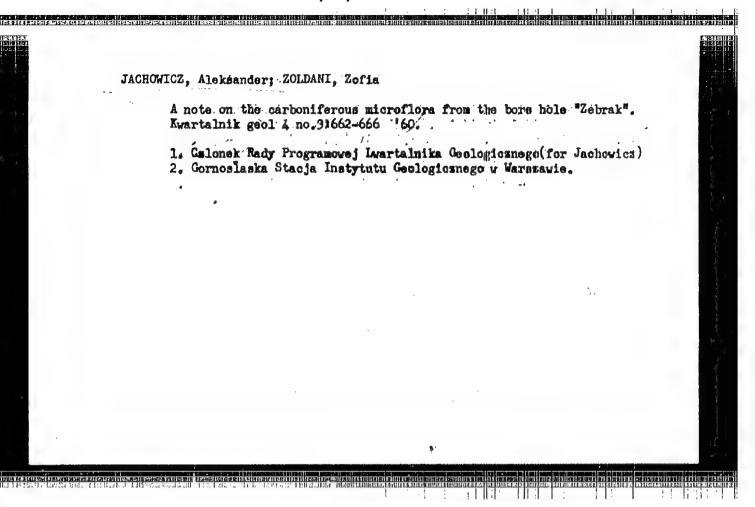
titles. -- Ye. T.

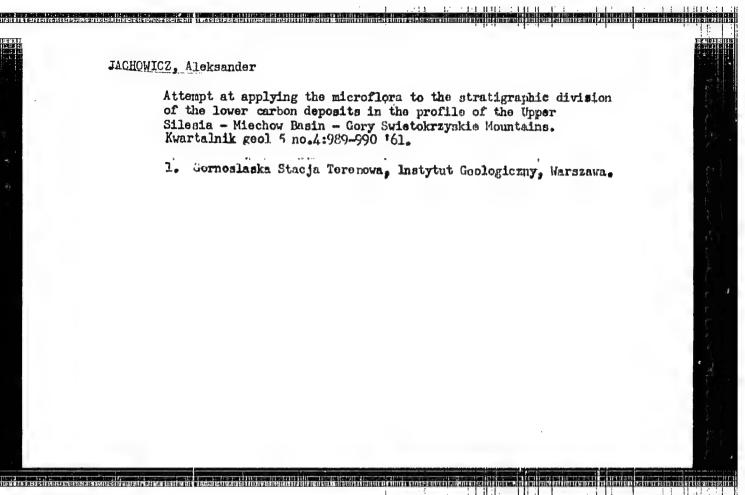
: 1/1 Card

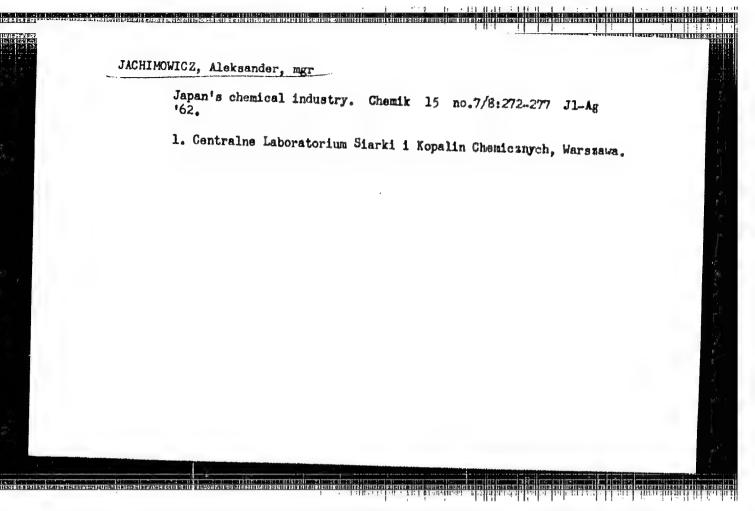
G-35

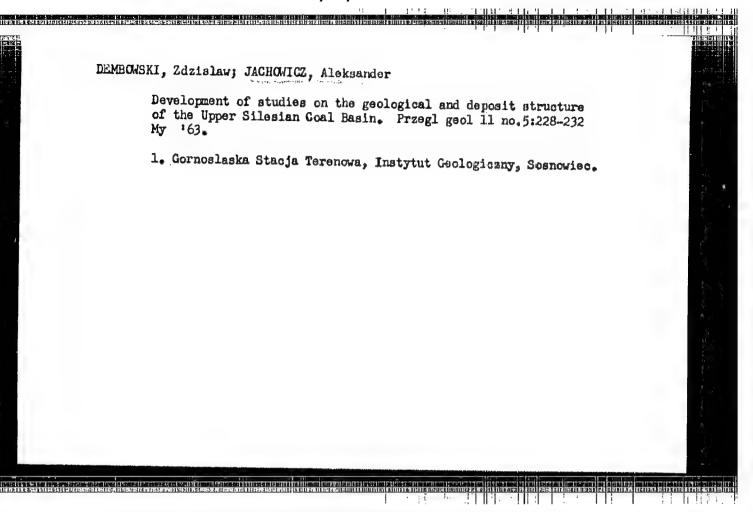


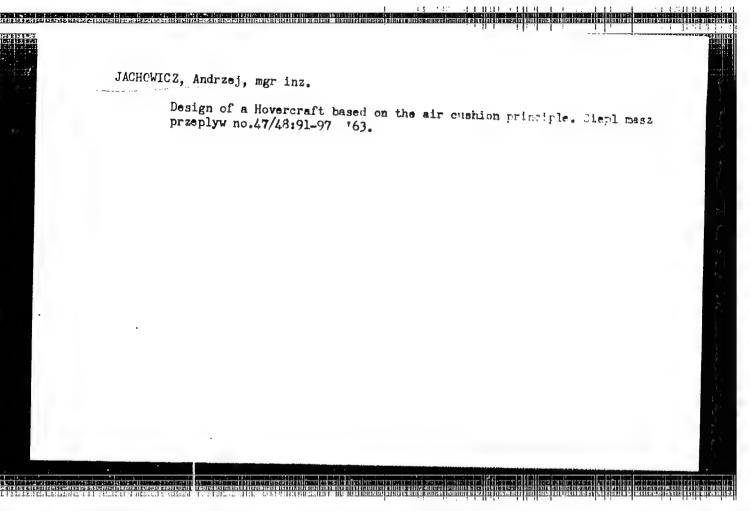










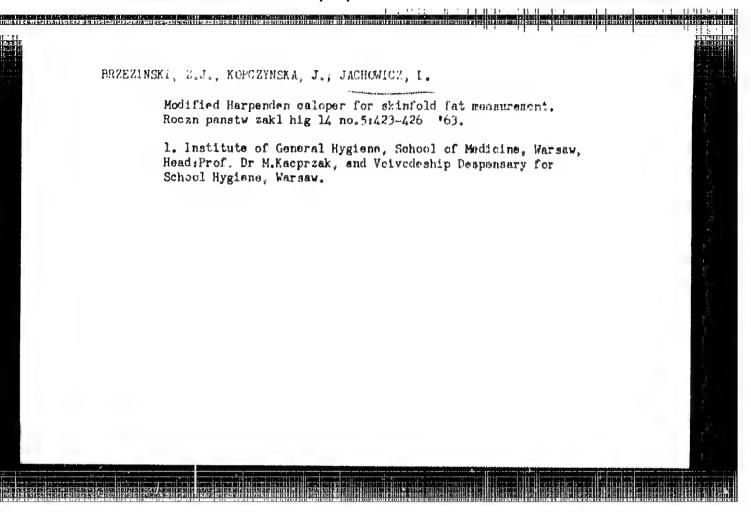


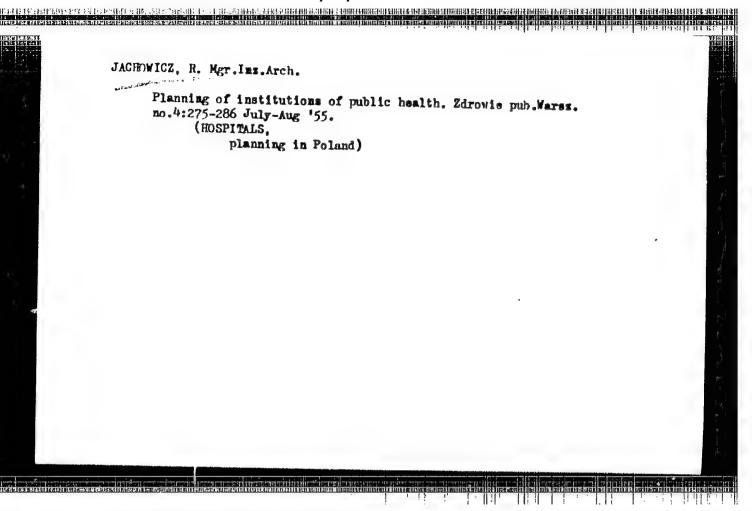
: Chemical Technology. Chemical Profess in a conti-CATEGORY Annlications. ABS. JCUR. : RZhKhim., No 19 1959, No. 68380 Attimition · Jackewicz, J.; Silviewicz, J. TO BOX OF THE METERS THE WAS CONTRACT OF BOX OF PROPERTY. tandement of hire Safety OREG. FUB. : Przegi. nozarn., 1958, 36, No 1), 14 - 18 : Among the manufacturing stages involved in the ABSTRACT manufucture of viscose fibre there to a differrange in the deriver of fire bayard and in the continuity operative measures (PM). The most dancerous stage with resard to fires and ecolosions is the treatment of collulose with OSo. IM consists in the employment of explosion-areas electrical continent and up independent ventiliation system. The weavire step is lose derverous, because, it ingreate with a comber of small firms are time frem expectional shortermines of the weather Carrie

JACHOWICZ, Jan

Chromatographic analysis of gas traces in waters. Kwartalnik geol
6 no.2:413-414 \*62.

1. Zaklad Zloz Ropy, Soli i Surowcov Chemicznych, Instytut Geologiczny, Warszawa.

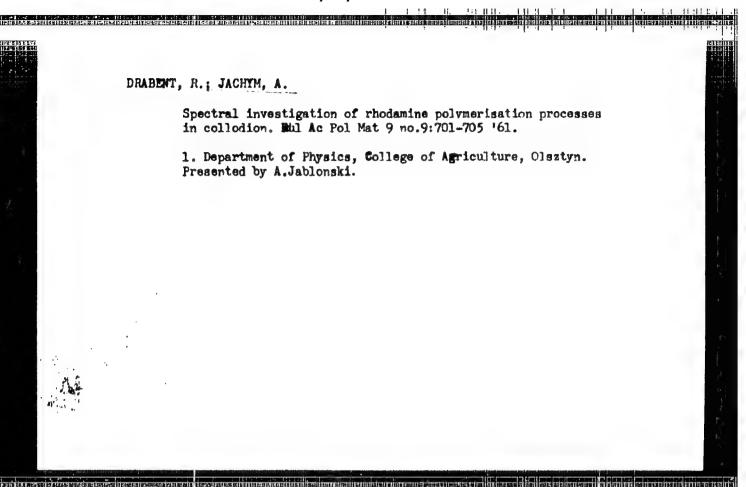


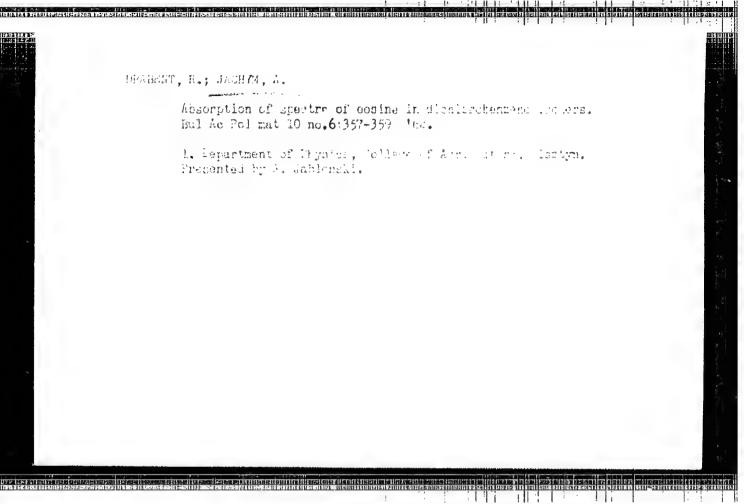


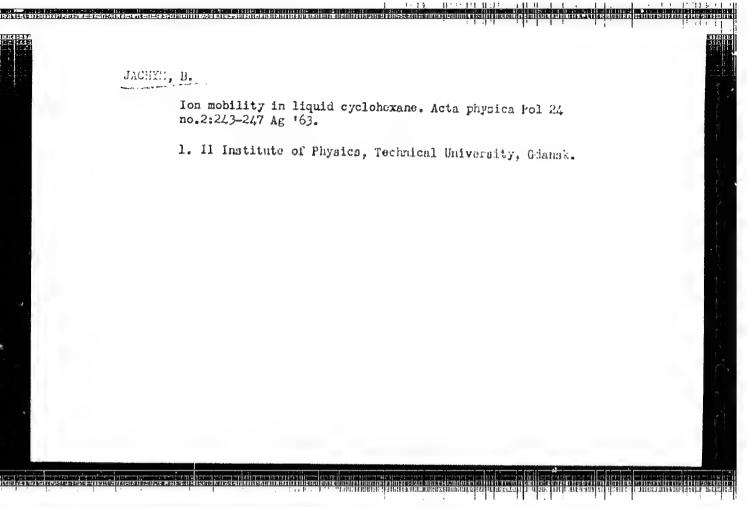
LAZGWSKA, Stefania; JACHOWSKA, Alicja

Effect of prolonged datecillin therapy on the frequency of infectious diseases of the upper respiratory tract and pharynx in rheumatic fever in children. Reum. Pol. 2 no. 2: 119-124, '64.

1. Z Oddzialu Otolaryngologicznego Instytutu Reumatologicznego w Warszawie (Kierownik: dr med. T.Bardadin) i z Oddzialu Dzieciecego Instytutu Reumatologicznego (Kierownik: prof. dr E. Wilkoszewski; Dyrektor Instytutu Reumatologicznego: dr med. W.Brunl).







P/0045/63/024/006/0785/0790

ACCESSION NR: AP4011793

AUTHOR: Jachym, B.

TITLE: Mobility of ions in dielectric liquids of high viscosity

SOURCE: Acta physica polonica, v. 24, no. 6, 1963, 785-790

TOPIC TAGS: Ion mobility, dielectric liquids, high viscosity, paraffin oils, distillation over sodium, Stokes law, activation energy

AESTRACT: The author measured the mobility of the negative and positive ions created by x-rays in paraffin oils with viscosity coefficients 1.6, 0.52, 0.26 and 0.0hh P (on a Hoeppler viscosimeter), and tabulates the results. He discregarded the low temperature region, where oils cannot be treated as homogeneous regarded the low temperature region, where oils cannot be treated as homogeneous liquids. The intrinsic conductance of the liquids after purification varied from 10-16 to 10-18 Omega-1 cm-1. Paraffin oils with lower self-conductance may possibly be obtained, but purification of the liquid (pentane-hexadecane) appeared difficult, so it was finally limited to distillation over sodium under lowered pressure. A fifth table shows the values of activation energy computed from the

Card 1/2

ACCESSION NR: AP4040360

P/0045/64/025/003/0385/0390

AUTHOR: Jachym, B.

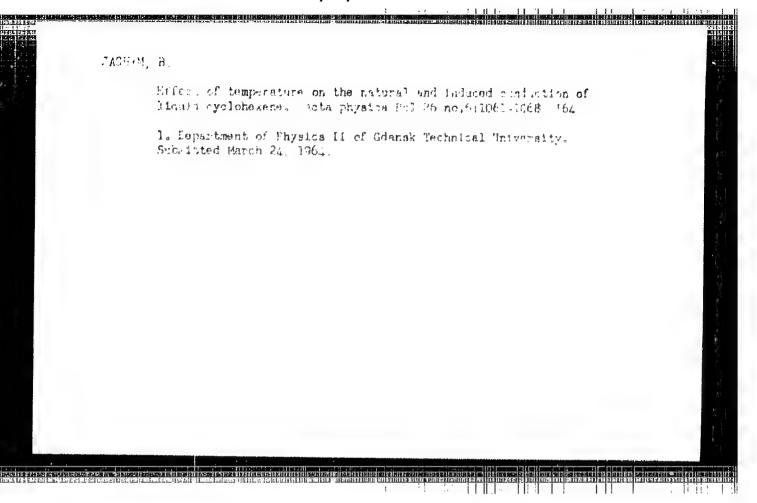
TITLE: Induced conduction and ion mobility in silicone oils ionized by x-rays

SOURCE: Acta physica polonica, v. 25, no. 3, 1964, 385-390

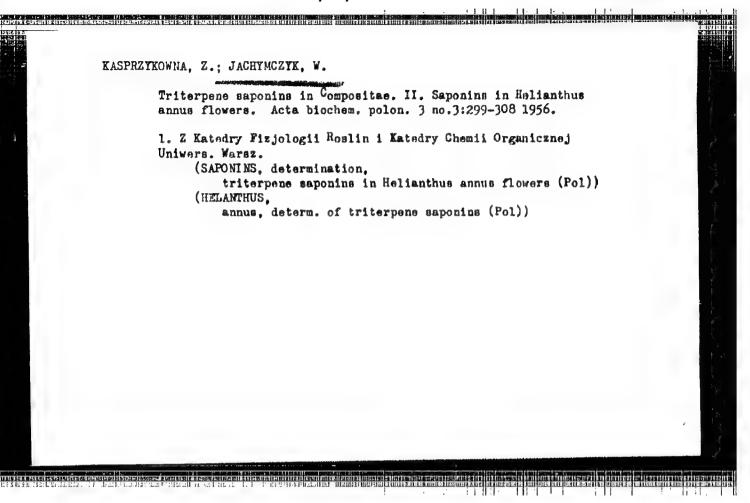
TOPIC TAGS: silicone oil, ion mobility, x-ray irradiation, x-ray radiation effect, irradiated oil

ABSTRACT: The mobilities of negative and positive ions in silicone oils were measured by charging a capacitor and by a current method. The activation energies were determined from the temperature dependence of the viscosity coefficient and ion mobility and the respective results were found to differ slightly. Measurements of the ionization current in OE-4018 oil revealed a value about twice as high as in DC-703 oil and in hydrocarbon liquids (see Table 1 of the Enclosure). The author thanked Prof. I. Adamczewski for help and Dr. O. Gzowski for suggestions. Orig. art. has: 5 figures and 1 table.

Card 1/3



	entility may just blanch sometimer ged to (depth) to (pass) CHINI SERVE SERVER SERVER
ACC NR: AP7001708	
some cases may become a form of the Stokes-Walden law: $u=A\eta^{-1}$ stant A amounts to $A=3.10^{-6} (\text{cm}^2 \text{V}^{-1} \text{sec}^{-1}.\text{P})$ for negative ions and A+ $(\text{cm}^2 \text{V}^{-1} \text{sec}^{-1} \text{P})$ for positive ions. On the other hand, the power index $u$ within $1-2$ , depending on the type of liquid and ion. Orig. art. has: 2 figures formulas, and 1 table. [Authors' abstract]	may vary
SUB CODE: 20/SUBM DATE: 23Mar66/ORIG REF: 005/SOV REF: 003/OTH REF: 026/	
	- 1
	- American
Card 2/2	



JACHYMCZYK, W.; CHMIELEWSKA, I.

Isomeric methyl ethers of 3-substituted derivatives of 6-methyl2H-pyran-2:4- — (3H)-dione, Bul chim PAN 8 no.4:155-160
(660.

1. Department of Biochemistry, University, Warsaw. Fresented by T. Urbanski.

(Methyl ether) (Fyran) (Dionine)

JACHYMCZYK, Witold; CIESLAK, Jerzy; CHMIELEWSKA, Irena

Tautomerism of dicoumarol. Three isomeric methyl-ethyl ethers of dicoumarol. Rocz chemii 34 no.3/4:925-930 '60. (EEAI 10:3)

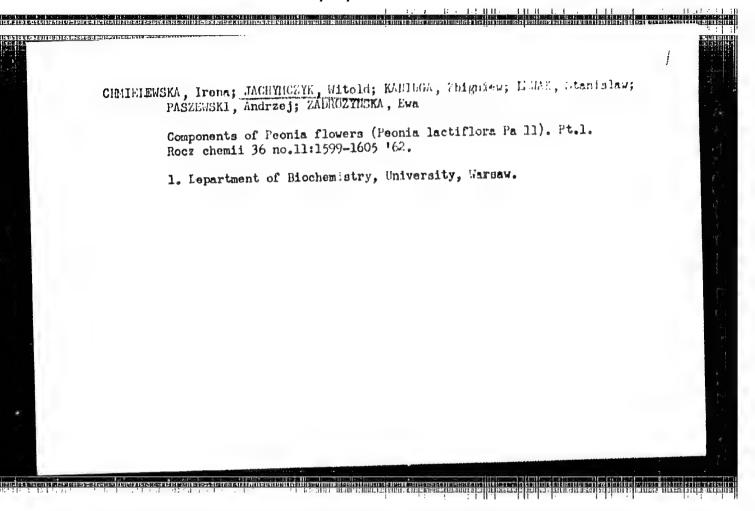
1. Katsdra Biochemii Uniwersytetu, Warszawa (Ethyl methyl ether) (Methylenebishydroxycoumarin)

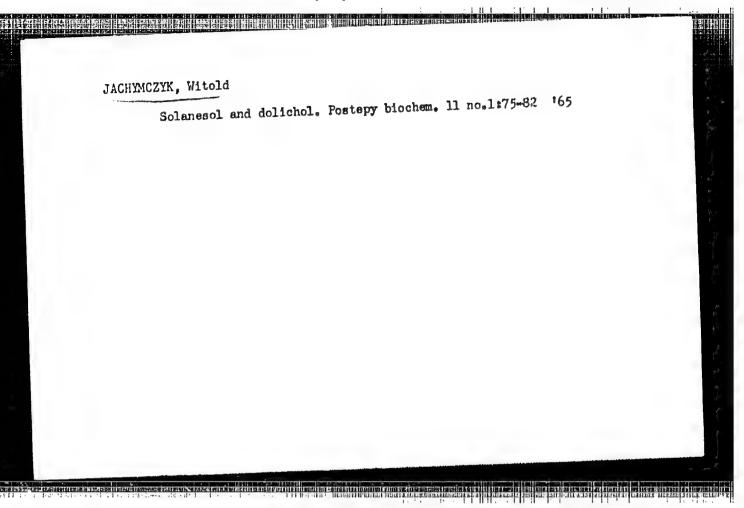
STEVOVIC, Jelica, dipl. fiz. hem., asist. (Beograd, Made Bosne 6);

JACIMOVIC, Ljubodrag, dipl. fiz. hem., asistent

Production of 131 indine. Tehnike Jug 17 no.8:Suppl.: Radioizotopi zrac 1 no.8:1449-1452 Ag '62.

1. Institut sa nuklearne nauke "Boris Kidric", Beograd-Vinca.

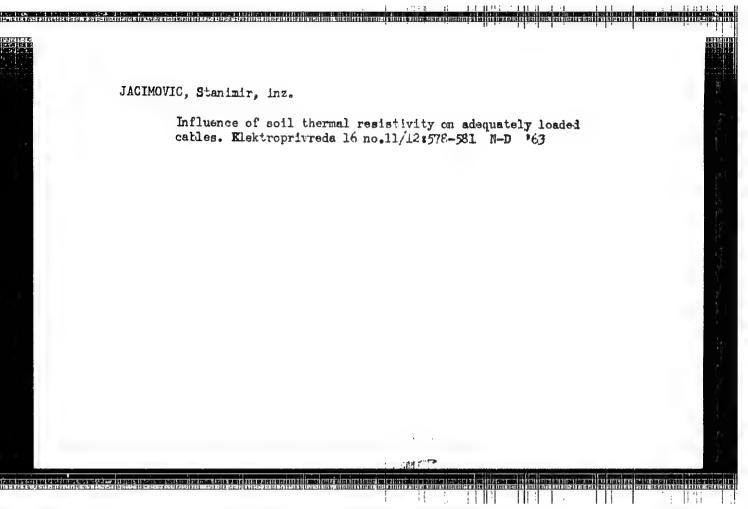


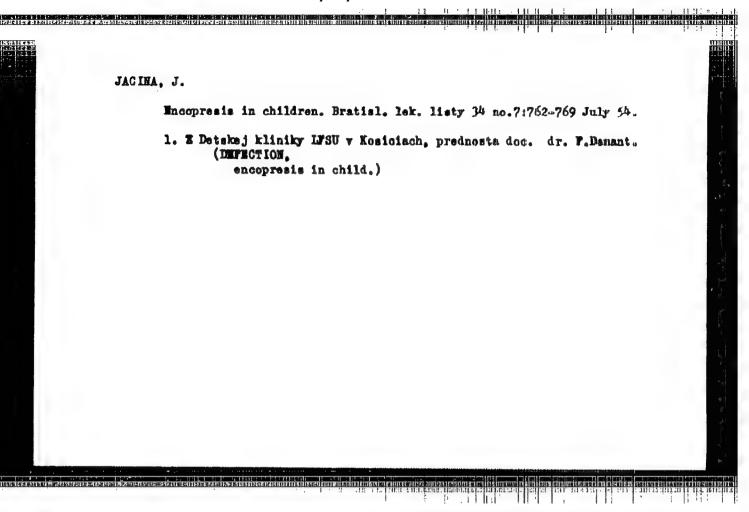


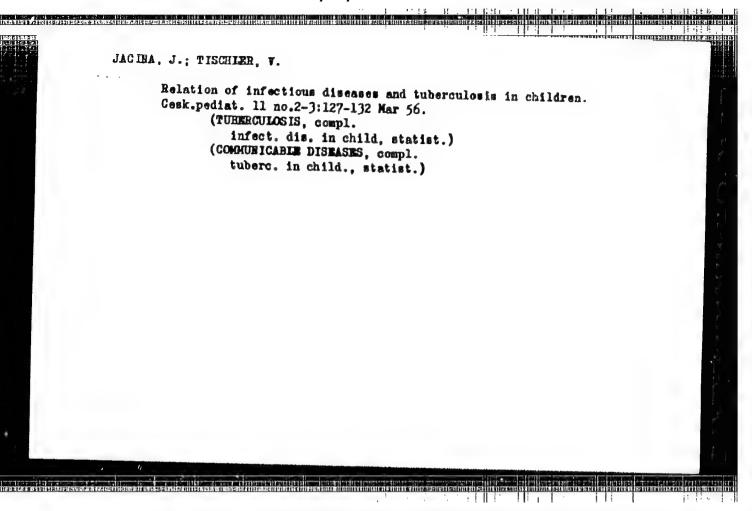
STEVOVIC, J.; JACIMOVIC, IJ.

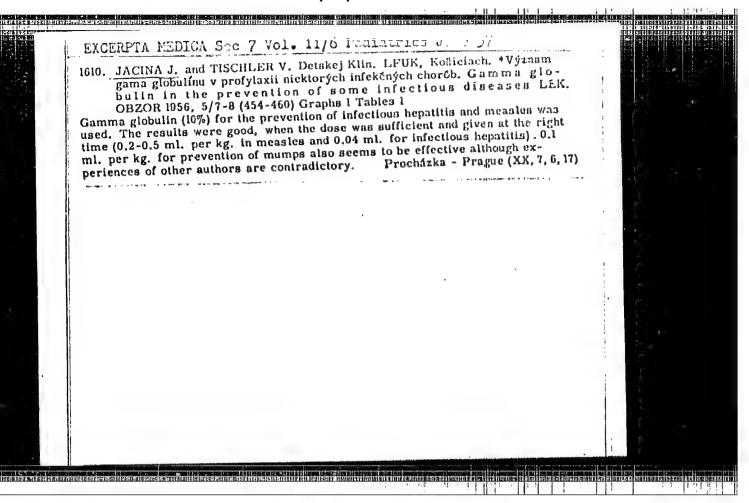
Valence forms of 131J in irradiated TeO2; abstract. Glas Eem dr 27 no.9/10:511 \*64

1. The Boris Kidric Institute of Nuclear Sciences, Hot-Laboratory Department, Belgrade-Vinca.

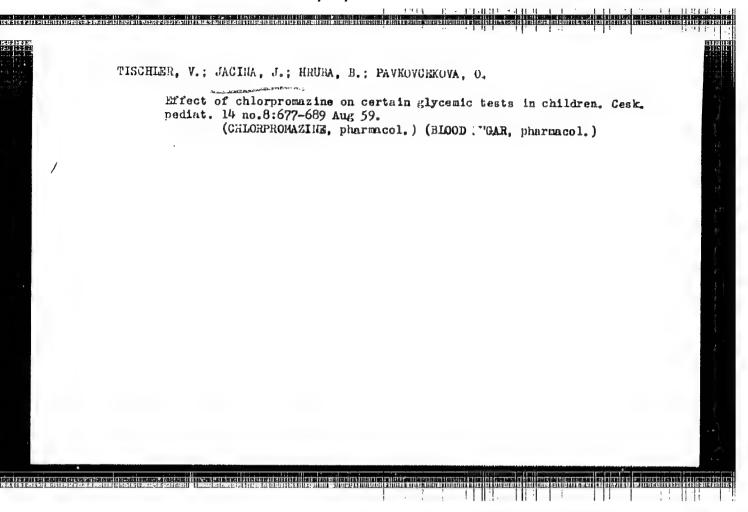


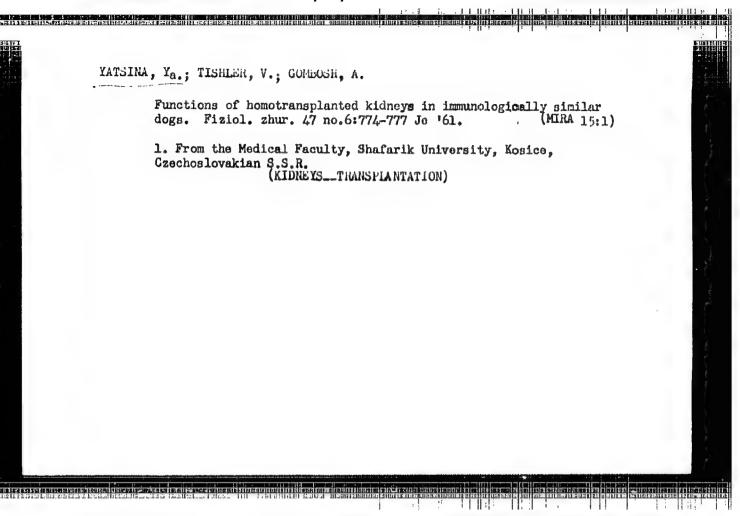


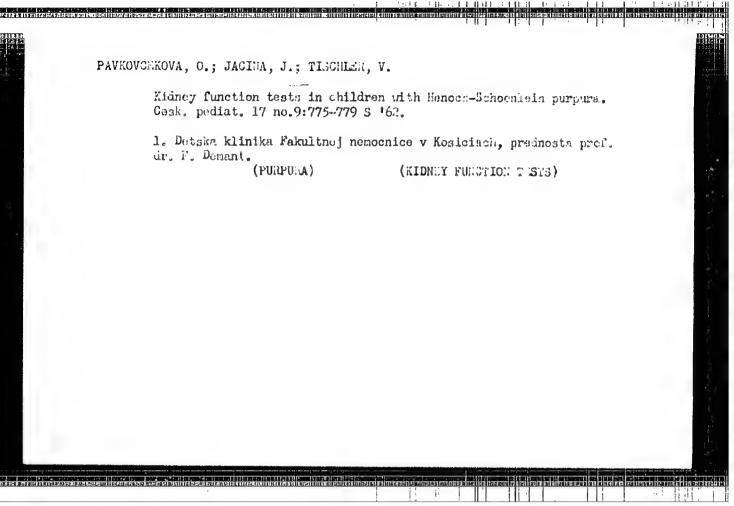




<u>इस्त्राच्यास्थासम्बद्धाः</u>	ere en la
bAut	ROCI, J.; TISCHLER, V.; JACINA, J.
	Prevention of chronic otitis in hypotrophic infants. Cesk. otolar. 8 no.4:190-191 Aug 59.
	1. Katedra starostlivosti o diefa LYUK v Kosiciach, veduci doc. dr. F. Demant.  (OTITIS MEDIA, in inf. & child) (INFAMT NUTRITION DISORDERS, comp
. 3 771 7 . 1 1	







PETROGI, J.; VEREB, J.; TICHLER, V.; JACINA, J.

On the problem of reactivity of the organism in otitis media in infants.
Cesk. otolaryng. 12 no.1:12-19 F '63.

1. Katedra starostlivosti o dieta LF UPJS v Kosiciach, veduci prof.
dr. F. Demant.

(OTITIS MEDIA) (BLOOD PROTEINS) (BLOOD SEDIMENTATION)

(LEUKOCYTE COUNT) (INFANT NUTRITION DISORDERS)

PAVKOVCEKOVA, O.; JACINA, J.; TISCHLER, V.

Infantile form of Gaucher's disease in a 13-month-old child.

Cesk. ped. 20 no.12:1092-1096 D ' 65.

1. Katedra starostlivosti o dieta Lekarskoj fakulty University
P.J. Safarika v Kosiciach (veduci - prof. dr. F. Demant).

Summary of a lecture ...

P/531/62/000/004/001/003 D201/D308

error estimation and to dispense with full analysis of convergence. Since the engineering problems do not require greater accuracy than that of the second approximation, the proper use of this method makes it possible to end the calculations with the second approximation. This, in turn, means considerable economy and saving in time in calculations: the solution of the problem of nonlinear heat conduction in solids is given in detail together with detailed description of the above method of approximation. The paper is based on three earlier works by the author. The paper ends with a special problem.

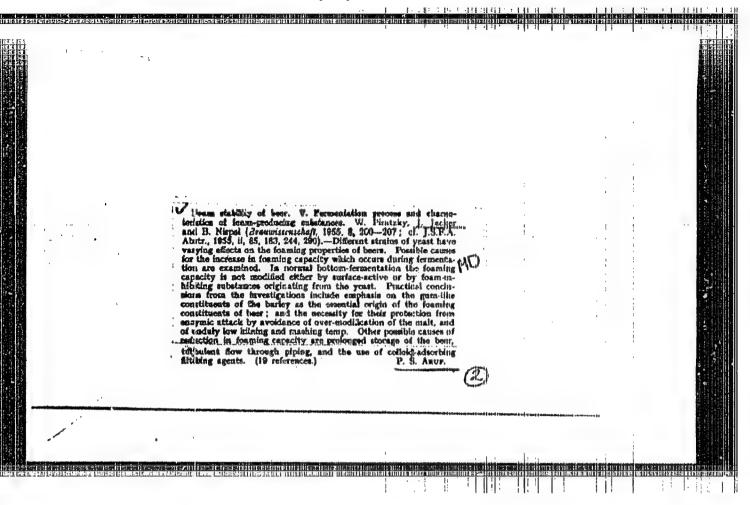
Abstracter's note: Essentially complete translation.

ASSOCIATION:

. . .

Instytut Matematyki przy Wyższej Szkole Budowy Maszyn w Karl-Marx-Stadt (Institute of Mathematics of the Higher School of Machine Design at Karl-Marx-Stadt)

|Card 2/2



JACKIEMICZ, M.

Concerning the furchases from frivate sources, p.h.

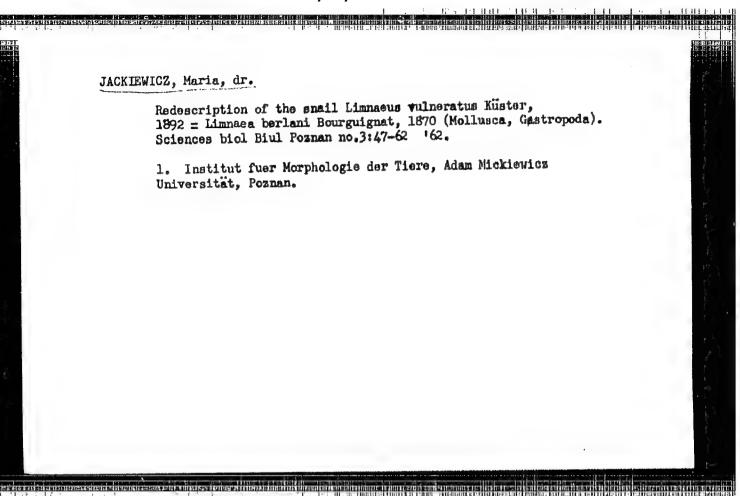
(R.LEIK SIGLDZIELGA, Vol. 9 /T.c.107 no. 28, July 1957. Marszawa, Foland)

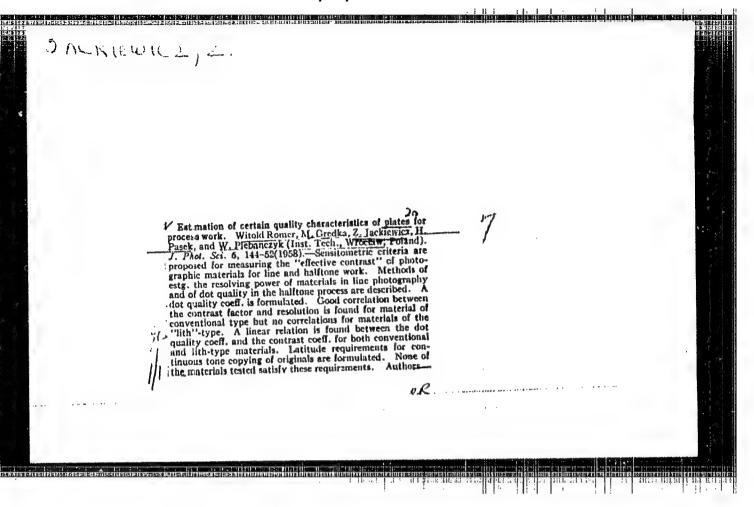
EC: Monthly List of East European Accessions (E.A.) 10, Vol. 6, No. 10, Cetoter 1957. Uncl.

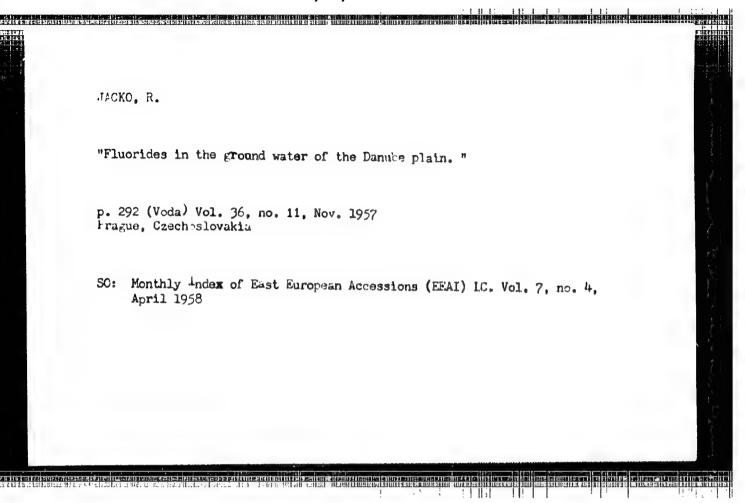
JACKIEWICZ, MAJIA.

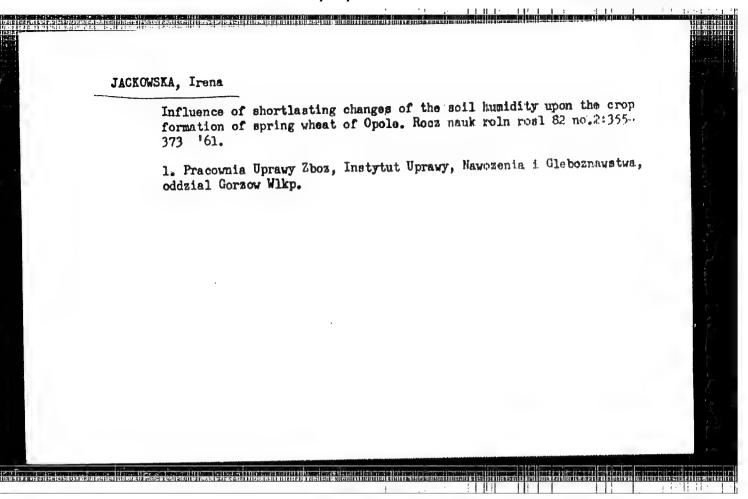
Badania nad zmiennoscia i stanowiskiem systematycznym <u>Galba Lalustris</u> O. F. Mull. Leznan, Leland. Fanstweve Wydnwn. Naukowe, 1959. 86 p.

Menthly List of East European Accessions Index (FEAI), LC. Vol. 8, No. 9, September 1959 Uncl.









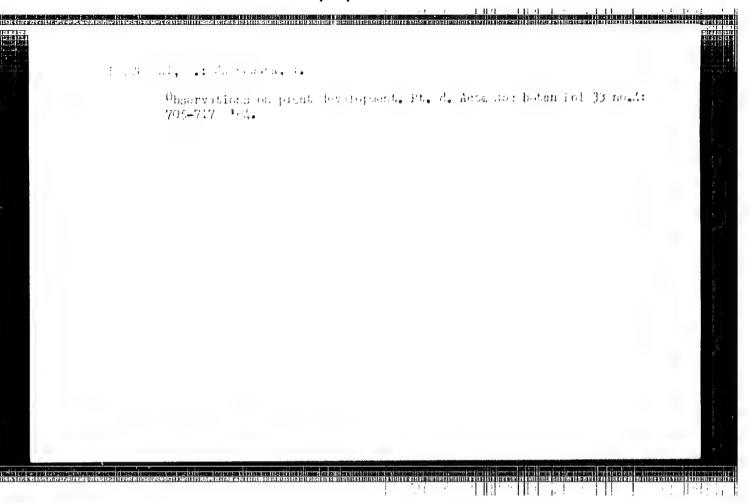
ULINSKI, G.; JACKKUSKA, J.; Enficances of barley and oats to precipitation deviciency under the climatic and soil conditions of the Gorzou Wielkopolski Region. Rocz mark roln roal 25 mo.4.575-438. 162.

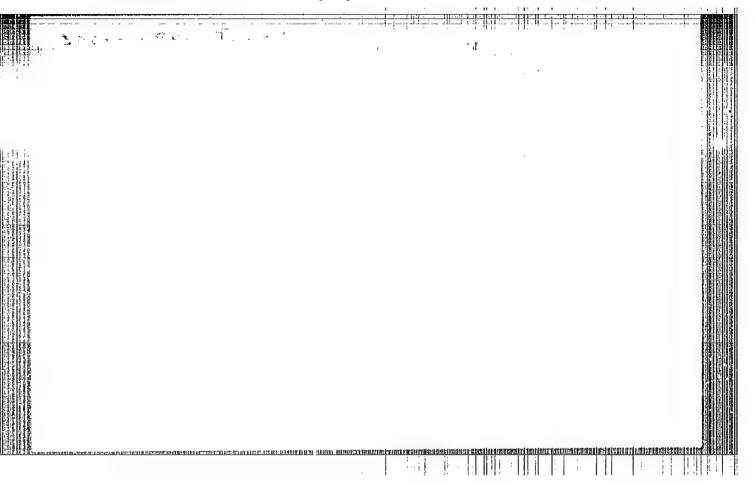
1. Pracownia Uprawy Zboz, Instytut Uprawy, Navozenia i Gleboznawstwa, Gorzow Wielkopolski.

LISTOWSKI, A.; JACKOWSKA, I.

Observations on plant development. Pt. 6. Acts soc totan Fol 31 no.1:109-118 '62.

1. Institute for Soil Science and Cultivation of Plants, Pulawy.

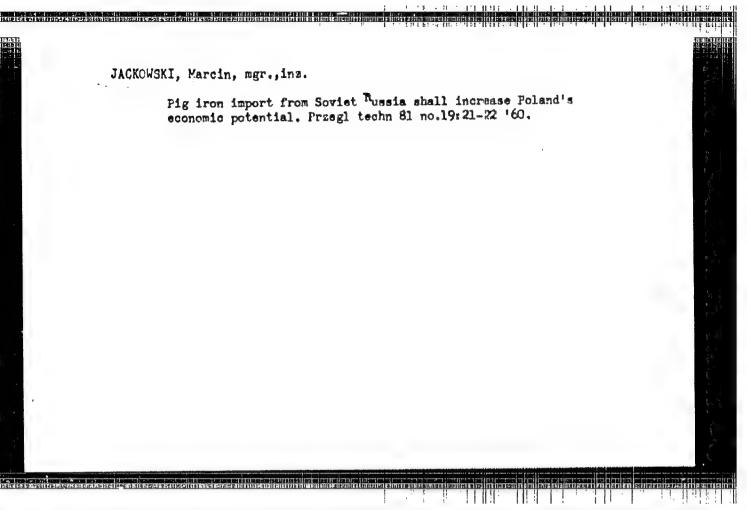




JACKOMSKI, K., vezeto vizturbina szakerto; IASKI,A.

Plans for the construction of hydroelectric power stations on the Lower Vistula by means of tubular turbines. Hidrologiai kozlony 44, no. 4:153-158 Ap '44.

1. Varsoi "Hidroprojekt" (for Jackowski); 2. Varsoi "Hidroprojekt" vizeromu tervezesi osztalyanak vezetoje (for laski).



#### CIA-RDP86-00513R000619420001-8 "APPROVED FOR RELEASE: 08/10/2001

P/005/60/000/022/001/001 A076/A026

AUTHOR:

Jackowski, Marcin,: Master of Engineering

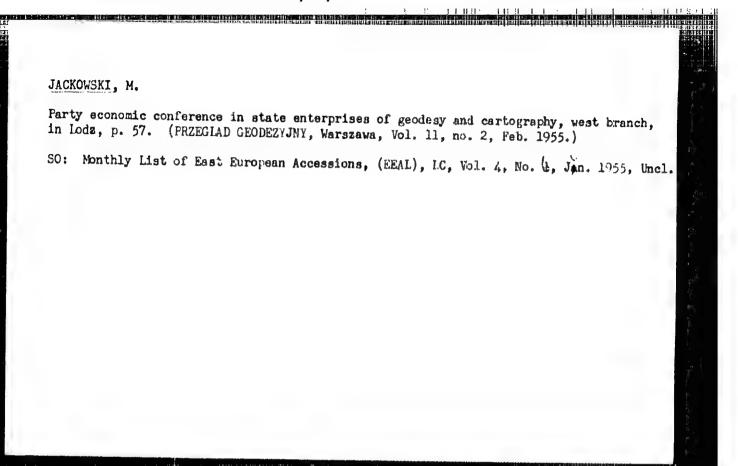
TITLE:

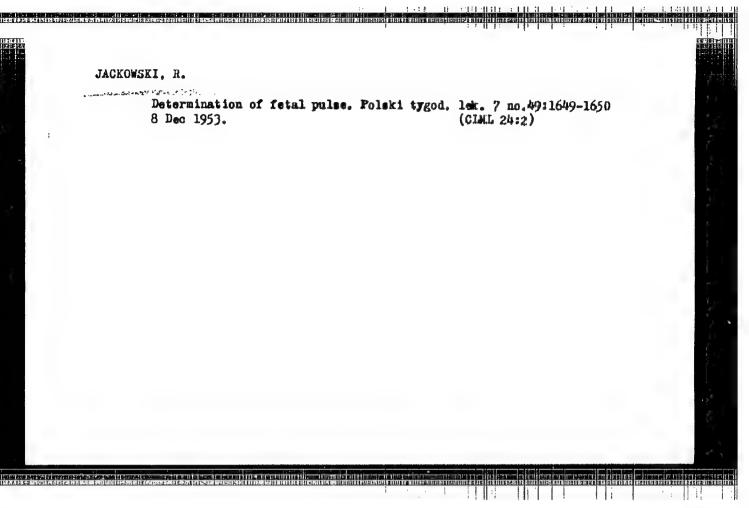
A New Steel Casting and Forging Plant

PERIODICAL: Przegląd Techniczny, 1960, No. 22, pp. 1 - 2

One of the big investments during the 5-Year Plan 1961-1965, will be TEXT : the construction of a new steel casting and forging plant in Ostrowiec. It is estimated that about 2 billion złoty will be spent on this project. According to plans, the new forging plant will produce heavy ingots weighing several tons, cast iron ingots up to 200 tons and in addition, the plant will supply furnace charges for 5 mills in an old plant located in Ostrowiec. The production plan dictated by actual industrial needs enables basic production plants to place orders for forged shafts up to 80 tens. Demand for heavy ingots increased in Poland when production of ships and of 50 and 120 Mw turbines began. Future production of this plant will also include heavy castings. Until now the biggest casting produced in Poland reached 200 tons. Two such castings, each of 200 tons, parts of a heavy sheet rolling mill designed by the "Biprohut", were produced in Poland under the most difficult conditions. The new plant will meet such demands , being equipped

Card 1/2





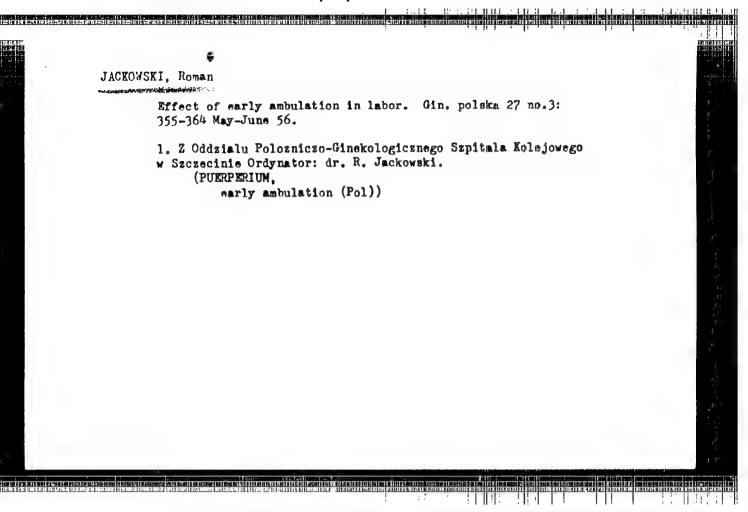
JACKOWSKI, Roman (Szczecin, Piastow 1)

Fetal and newborn mortality in the Szczecin region. Gin. polska 25 no.4:354-366 Oct-Dec 54.

1. Z Oddziału Polozniozo-Ginekologicznego Szipitała Hiojskiego imienia Ludwika Rydygiera w Szczecinie. Ordynator: dr med.

R.Jackowski.

(VITAL STATISTICS,
inf. & fetal mortal. in Polnad)



# "APPROVED FOR RELEASE: 08/10/2001 CI

#### CIA-RDP86-00513R000619420001-8

Country : Poland H-3# Category Chemical Technology. Chemical Products and Their Applications. -- Dyeing & Cham. Treatment of Text.

Abs. Jour R. Zh. -- Khim., No. 11, 1959 Materials. 41084

Author : Jackowski, T. Institut. : Not given

Title : The Effect of Colloidal Silicon on the Processing of Cotton and on the Quality of the Yarn

Orig Pub. : Przeglad Wlokiens, 12, No 3, 122-129 (1953)

marized in tables.

Abstract: A review of the literature on the treatment of cotton with Siton 1-20 (a colloidal dispersion of SiO<sub>2</sub>): physicochemical properties, effect on bleaching process, padding, aging, and dyeing. An analysis of the stage in the process at which the precipitation of the SiO<sub>2</sub> can be carried out is given. The results from the application of Siton W-20 to the processing of cotton are sum-

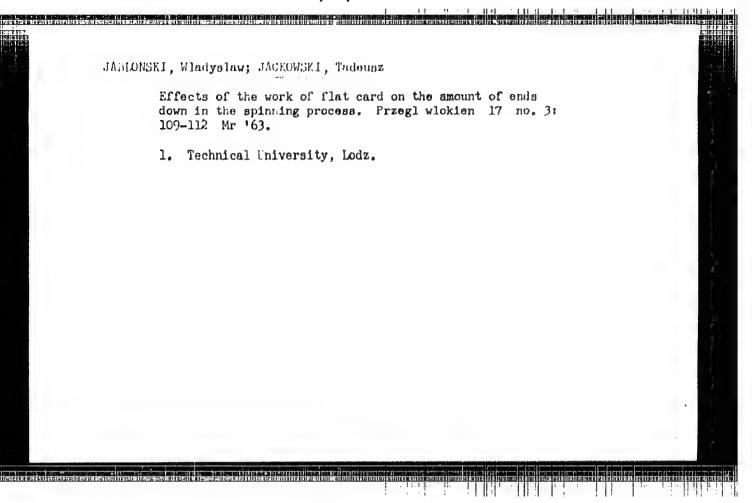
I. Fodiman

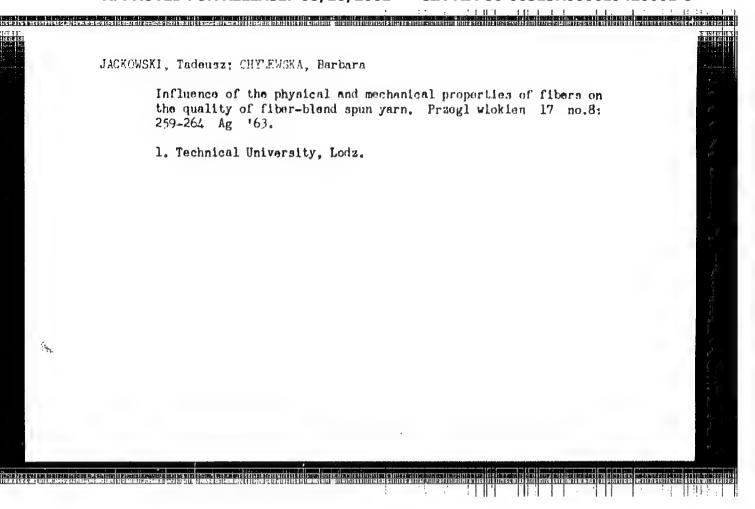
Card: 1/1

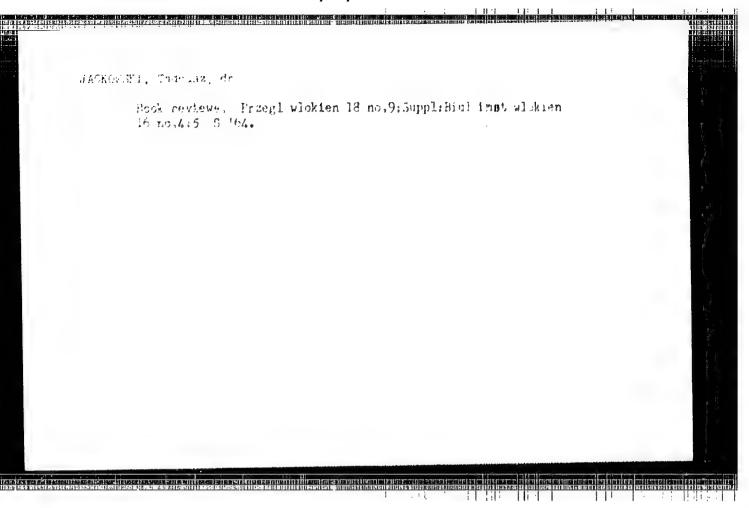
#### 

Physicomechanical properties of fibers and the shagginess of yarn. Przegl włokien 16 no.10:510-513 0 162.

1. Politechnika, Lodz.





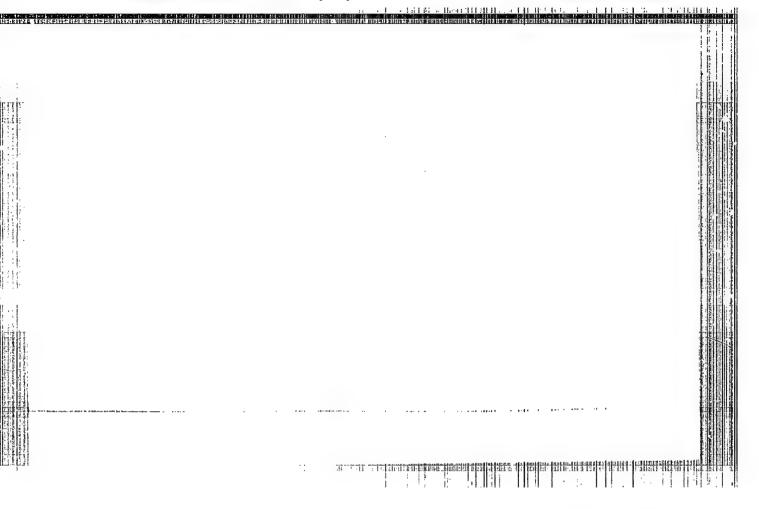


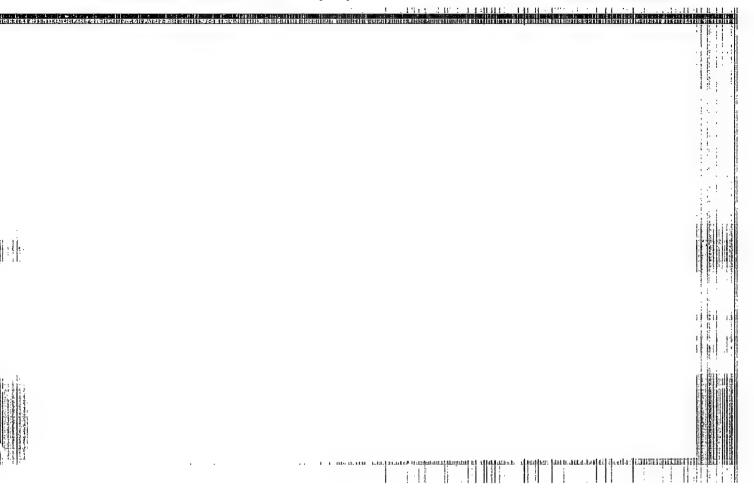
SZYPENBEIL, Wiktor, mgr; JACNIACKI, Klemens

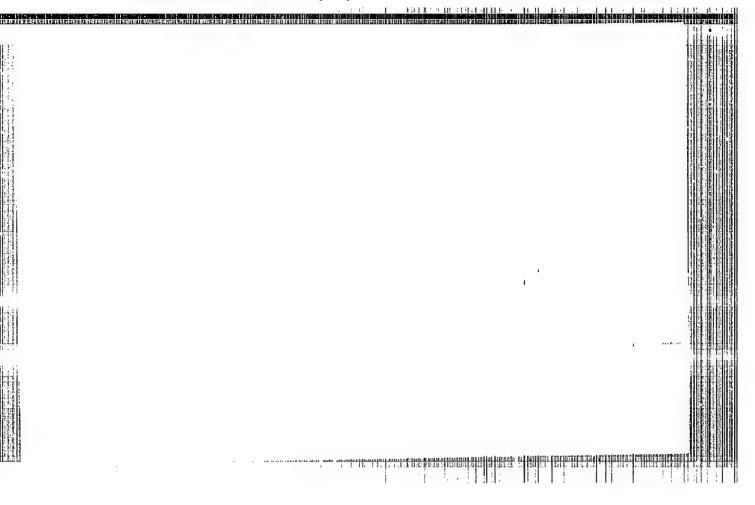
The small harbors of West Pomerania during the period before the Second World War" by Zbigniew Szopowski. Reviewed by Wiktor Szypenbeil, Klemens Jacniacki. Tech gosp morska 12 no.11:339-340 N '62.

1. Koszalinski Urzad Morski, Koszalin.









ARSON, C.	-	Doklady Lithema- Reports.		•	The All- The School of the Sc	177	la	Mid Lent	22- <u>55</u> -55	:	
	30V/2660	ton H 1991	Abremov, V.G. Mystale, S.H. Prochorov, K.A. Chetayev, G. Y.		July 1966.  July 1966.  From the part out and the part out out and the part out out and the part out of the part out out out out out out out out out ou		tion of Van de	problem of an	н		
			Board: A.A. sedvedsv, A.D. SDV, Yu. V. makiy, M.d.	methemeticiens	in tune a local state of the first state of the fir	* E44 Flore	, s	). On the			
	BOOK EX	erenantye ransaction ow. vol. (tists) Not	Prechance in the control of the Article of the Arti	book is intended for w	Conference, held that the conference, held that two wash parages are sented by anot included to the text of sentstee. In the ubmit a copy of hitted and, if the is a copy of hitted and integrated to the conference and and integrated by the sentence and physical sentence and physical sentence and physical sentence and the found and integrated by the conference and the found and t	. On subsonie	Table of M.	100	Congress	•	
	PHASE I	3 3 5 5 5 7 T	G.M. Shevchan G.M. Shevchan saidy, A.M. Vest kty (Resp. Ed.) v. P. L. Ul'yan and A.I. Shire	· •	a la	C. (Rumania)	ne Math tone ione he Mist	Chinese People's	Library of	-	
	19(1)	Vessyumyy a Trudy, t. 4: Incerrent tical Con Reports of 247 p. 2:	Sponsorth& Agency: Tedh. Ed.: G.H. S Boltymnskiy, A. Hikoltskiy, A. Hyboltsky, P. U. Shilow, P. U.	FURFORE: Th	COVERAGE: The bool Onion satteration book is divid and the divid ferrore that ferrore ferro	36.88	Section of Carteria Political Section of Carteria Political Section of Carteria Political Section of Carteria Political Politi	See Jee	CAM 34/34		
	***************************************									<i>J</i>	

#### "APPROVED FOR RELEASE: 08/10/2001

# CIA-RDP86-00513R000619420001-8

L3090

P/033/62/014/003/005/011 D251/D308

10.1200

AUTHOR:

Jacob, Caius (Bucharest)

TITLE:

On some exact solutions of gas dynamics

PERIODICAL:

Archivum Fiechaniki Stosowanej, v. 14, no. 3-4, 1962,

603-619

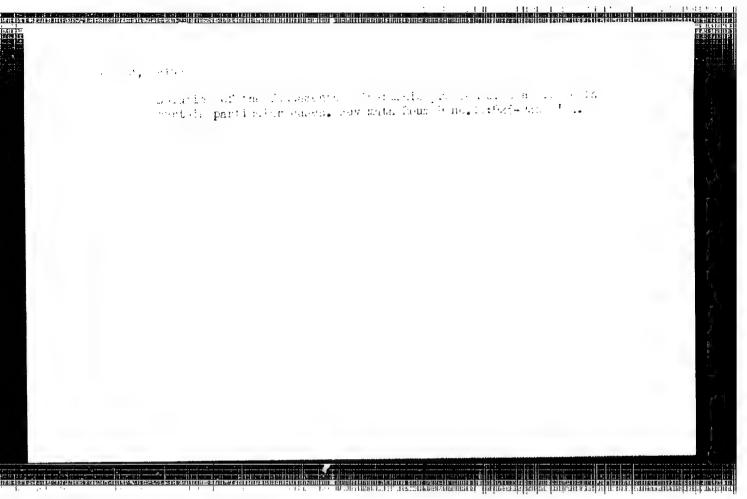
TEXT: The author makes a survey of the principal exact solutions of the theory of gas jets at high subsonic velocities, using the hodograph method of S. A. Chaplygin. The following exact equations are considered: a semicircle - Chaplygin, a circular segment - C. Jacob and Simona Popp, a circular segment with a cut on the abscissa - S. V. Fal'kovich generalized here by the author, a semi-circle with a cut on the abscissa from  $(V_1, 0)$  to  $(V_2, 0) - V$ . I. Troshin

and a segment of a ring - L. N. Sretenskiy. A brief survey is made of the approximate methods of the author, and also of A. I. Bunimovich and G. A. Dombrovskiy. There are b figures and 60 references.

ASSOCIATION: Faculté de Mathématique et Mécanique, Université de Bucarest (Faculty of Hathematics and Mechanics, Uni-

Card 1/1

versity of Bucharest)



THE REPORT OF THE PERSON OF TH

Rotary extrusion of cylindrical parts

S/276/63/000/001/015/028 A006/A101

The cups were extruded from sheets with  $s_0 = 1.0$  mm. After drawing, rotary extrusion was performed to level out the wall thickness  $s_0$  to 0.9 mm. In direct rotary extrusion the torque of the machine from the mandrel on the spindle is transmitted to the roll through the blank bottom and the extruded thin wall of the part. In indirect rotary extrusion the transmission of the torque is performed through the open butt end and the upper not yet extruded section of the blank. The experiments show that in case of strengthened metal a considerably lesser force in rotary extrusion is required than for annealed metal. For instance, for annealed StVIII steel at 6=61.3% the axial force  $P_A=206$  kg and radial  $P_R$  = 221 kg; for non-annealed steel at £ = 60.8%  $P_A$  = 113 kg and  $P_R$  = = 168 kg. This is explained by the abundance of metal formed in front of the roll. A considerably greater abundance will arise in soft metal, whereby the force increases. With greater  $\epsilon$ ,  $P_A$  increases almost proportionally;  $P_R$  at  $\varepsilon = 60 - 70\%$  attains a maximum (a subsequent decrease proves the presence of cracks). The initial cup-blank should not possess non-uniform internal stresses. These conditions are fulfilled during extrusion in 2 passes without annealing. In rotary extrusion of the blanks, extruded in 3 and 4 passes, satisfactory surface quality was not obtained. It is necessary to perform annealing prior to

Card 2/6

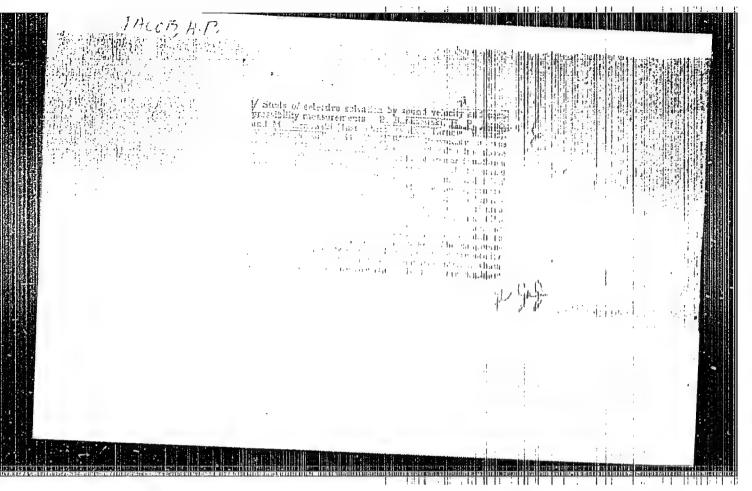
3/276/63/000/001/015/028 A006/A101

Rotary extrusion of cylindrical parts

in 3 passes. A socket with s = 0.08 mm ( $\varepsilon = 96\%$ ) was produced by indirect rotary extrusion in 4 passes from a (C15) blank with  $s_0 = 2.0$  mm. In individual passes  $\epsilon$  should not exceed 50%. The speed of direct rotary extrusion in axial direction should not exceed the permissible feed rate. For Still and StVIII blanks, 100 mm in diameter, sy is not over 0.3 mm/rev; for blanks 500 mm in diameter sy is not over 0.5 mm/rev, at a rotary extrusion speed as high as 2 - 5 m/sec. These values are also limited by arising vibration (to remove same the roll diameter should be a multiple of the mandrel diameter), The roll should have the shape of two truncated cones joined by their bases with intermediate radius  $\rho$ . Tests were made at half angles of the cone x = 12.25 and 45°. In respect to minimum abundance, quality of the part and the force,  $\alpha = 25^{\circ}$  is optimal; at other  $\alpha$ values the forces increased by almost twice. Investigations of the effect of  $\rho = 1.0$ ; 3.0 and 5.0 mm show that higher  $\rho$ -values should be selected for larger diameters of the parts. For instance, for a VAAE socket, 40 mms in diameter, and s = 0.1 mm at  $\rho$  = 1.0 mm the removal from the mandrel is difficult; at  $\rho$  = = 3.0 mm removal is facilitated. It is recommended to produce the rolls from instrument steel 210 Cr 46 (62-64 RC) and others; small-diameter rolls for large-scale production should be manufactured from high-speed steel. Hardrels

Card 4/6

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619420001-8



RUMANIA/General and Special Zoology - Insects. : Ref Zhur - Biol., No 7, 1958, 30635 Abs Jour Author Jacob, T. Inst Supervision of Sanitary Conditions in the Andronake Title Forest and (Aviation) Control of the Larvae of Leaf Beetles. : Rev. padurilor, 1956, 71, No 10, 672-674 Orig Pub : The Ministry of forest cultures in Rumania organised and Abstract carried out an aviation treatment of the Andronake forest on an area of about 1500 hectares. Dusting with a mixture of equal amounts of DDT and NCCH dusts in 40-50 kg/hectare destroyed approximately 96% of the gypsy moth larvae and 92% of the larvae of the oak leaf roller and of the measuring-worm moth; dusting with a 0.2-1% of DDT oil emulsion destroyed 98% of the gypsy moth larvae and 95% of the larvae of the leaf-roller and of the Card 1/2

र्मे हैं जो एसरें हैं पूर्व जो कहा है जो है जो ती है है का जो विकास की जात है जा है RM ESD-3 BDS \$/081/63/000/005/015/075 L 12359-63 Jacob, W. and Jacob, Z. AUTHOR: Investigations of photochemical reactions of octocyanomolybdates and TITLE: octocyanotungstates I. Preliminary results Referativnyy zhurnal, Khimiya, no. 5, 1963, 101, abstract 5757, PERIODICAL: (Roczn. chem., 1962, v. 36, no. 4, 593,600) In visual and UV irradiated solutions of K\_ Mo(Chg) 7.2H20 (I) and TEXT: K4/W(Cn)2-7.2H2O (II) there were observed primary and secondary photochemical reactions. The primary stage is accompanied by changes in the collar of the solution from yellow to red (for a period of several minutes), the second stage leads to formation of light blue  $[Mo(CN)_4(OH)_2]^{2-}$  or violet  $[W(CN)_4(OH)_4]^{4-}$  (for several hours). The primary photochemical reaction is reversible: in the dark the red color of the solution gives way to yellow. Temperature heavily influences this process. The increase of OH ion concentration decreases the intensity of the red color and hastens the secondary stage of the photochemical reaction. A great quantity of KOH or NaOH significantly increases the process of formation of hydroxynyanides, and the latter may be isolated as solid substances. The addition of NH3, C5H6N, N2H4 Card 1/2 Card 2/2

RDS ESD-3 L 12359-63 \$/081/63/000/005/015/075 Jacob, W. and Jacob, Z. AUTHOR: Investigations of photochemical reactions of octocyanouslybdates and TITLE: octocyanotungstates I. Preliminary results PERIODICAL: Referativnyy zhurnal, Khimiya, no. 5, 1963, 101, abstract 5057, (Roczn. chem., 1962, v. 36, no. 4, 593,600) In visual and UV irradiated solutions of K4/Mo(Cmg) 7-2H20 (I) and TEXT: K\_[W(Cn)2].2H2O (II) there were observed primary and secondary photochemical reactions. The primary stage is accompanied by changes in the color of the solution from yellow to red (for a period of several minutes), the second shage leads to formation of light thue \( \int Mo(CN)\_4(OH)\_2 \) or violet \( \int W(CN)\_4(OH)\_4 \) (for several hours). The primary photochemical reaction is reversible: in the dark the red color of the solution gives way to yellow. Temperature heavily influences this process. The increase of OH ion concentration decreases the intensity of the red color and hastens the secondary stage of the photochemical reaction. A great quantity of KOH or NaOH significantly increases the process of formation of hydroxycyanides, and the latter may be isolated as solid substances. The addition of Nila, Goldin, Nolla Card 1/2

'L 12359-63

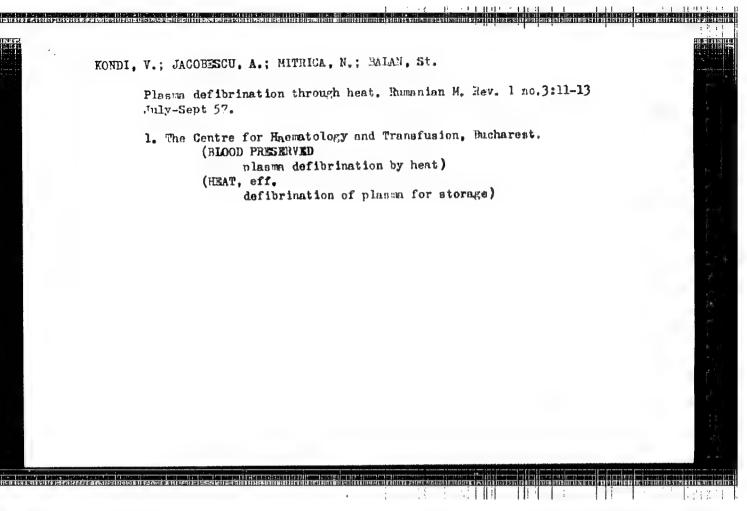
Investigations of photochemical -...

\$/081/63/000/005/015/075

to the irradiated red solution leads to transition of the color to yellow. If at first these amines are added to the nonirradiated solutions of I or II, and then these solutions are irradiated, their color changes to red. The conductivity of solution I under irradiation decreases. The authors express the opinion that at the time of irradiation there are additional products formed of the polar molecules H2O, NH3, or N2H4 with the complex anions II and II, resulting in reddish color. Being large and therefore fairly immobile, these complexes decrease the conductivity of the irradiated solution I. Molecules of H2O are more loosely bound by octowand complexes. The more readily polarized molecules HN2 or N2H4 form more stable super complexes with octacyanides. The authors also consider that increase in stability of the red solutions containing NH3 or N2H4 is dependent on the large size of the dipole moments of these molecules. A. Sychev.

Abstractor's note: Complete translation

Card 2/2



R/009/62/000/011/002/002 D272/D308

AUTHOR:

Jacobescu. José

TITLE:

The corrosion of metals and the anti-corrosion

protective film

PERIODICAL:

Metalurgia și Construcția de Mașini, no. 11, 1962,

992-994

TEXT: The preparation of metal surfaces for application of protective paints and enamels discussed, stressing the points requiring special attention. The problem of proper ground preparation is considered in detail, presenting a new sub-coating material of exceptional anti-corrosive protection properties. This film, (G-431-1) developed at the Laboratorul central de cercetari lacuri si corneluri - Bucuresti (Central Research Laboratory of Lacquers and Inks - Bucharest), is based on Zn chromate and tung oil. When applied by spraying onto the metal and drying in air, it did not present any deterioration after 72 hours in water, retained its elasticity up to the breaking point of the metal, and resisted

Card 1/2

Combinest. 71 pages; JABOK M. A.A.

Spontaneous hyperlipentu in a lu-year-old giri. Fel. tyg. lex.
19 no.37s1419-1421 | 3 14 fed.

1. Z. Hiniki Pediatrylang remoraking Akademi. Menyasnad v Sanaminie (Kierarika yeaf, de. med. J. Sharki Pediatoka) i w Cembralingo Rebustorium Pasik. Nr.1 w Sanaminie (Fierarcika lexarz H. Slivinska).

JACOLD A

POLAND/Chemical Technology - Dyeing and Chemical Processing of Textiles.

H - 34

Abs Jour

: Ref Zhur - Khimiya, No 12, 1958, 41968

Author

: Yakobaon, Domansky

Inst

Title

: Comments Concerning the Publication of Katapshak's "Dyes

for Better Shade Effect", and the Author's Reply.

Orig Pub

: Przem. Chen., 1956, 12, No 4, 243-244

Abstract : See R. Zh. Khim., 1957, 58695.

Card 1/1

#### CIA-RDP86-00513R000619420001-8 "APPROVED FOR RELEASE: 08/10/2001

H=3

JACORZYNSKI, TADEUSZ

POLAND/Chemical Technology - Chemical Products and Their

Application. Control and Measuring Devices.

Automatic Regulation.

: Ref Zhur - Khimiya, No 3, 1958, 8325 Abs Jour

Jacorzynski Tadeusz Author

Inst : Pneumatic Measuring and Regulating Devices Bases on the Title

Method of Equilibrium of Forces.

: Pomiary, automat., kontrola, 1955, 1, No 2, 52-58 Orig Pub

: A comparison of pneumatic devices (FD) operating in accor-Abstract

dance with the principle of equilibrium of forece, with PD based upon the principle of equal displacements; there are also considered different measuring and regulating PD of the first mentioned kini -- of diaphragm type (pressure transmitters, amplifiers, regulators, converters, etc.)

A description is given of the principle of operation of

Card 1/2